

UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 11-R-0002
CUSTOMER NUMBER: 71

FORM APPROVED
OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY
(TYPE OR PRINT)

Maine Medical Center
81 Research Drive
Scarborough, ME 04074

OCT 20 2005

Telephone: (207) -885-8182

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Attached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)

A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reas such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-human Primates					
10. Sheep					
11. Pigs			43		43
12. Other Farm Animals					
13. Other Animals					

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and an Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional Official)

(b)(6), (b)(7)c

DATE SIGNED
10-26-05

Qan

Column E Explanation 2005

OCT 28 2005

1. **Registration Number:** 11-R-0002
2. **Number of animals used in this study:** 108 total (7023A) (5 in Category E)
3. **Species (common name) of animals used in this study:** Short-tailed shrew / Shrew other spp.; Red Squirrel
4. **Explain the procedure producing pain and/or distress:**

Live trapping for this protocol involves the use of HB Sherman aluminum box traps. Traps are baited with a mixed ball of peanut butter and oats weighing ~ 6 grams and are placed at field sites in the afternoons (after 3pm) and checked the following morning. Traps are usually checked within 1-2 hours after sunrise, rebaited and examined around noon and then closed and reopened in late afternoon. Trapping operations performed prior to June 21 and after September 21 have the added complication of cooler temperatures. Consequently, when trapping occurs at this time, cotton batting is added to Sherman traps to insulate captured animals. Four (4) shrews referenced above were found deceased in the live animal traps. One (1) red squirrel was found deceased in the live animal traps.

5. **Provide scientific justification why pain and/or distress could not be relieved. State methods or means used to determine that pain and/or distress relief would interfere with test results:**

Shrews have high energetic costs relative to other small mammal species. This may result in higher mortality among trapped individuals despite precautions such as checking the traps early and frequently, placement of adequate insulation material (bedding), and food in the traps. The cause of expiration of the red squirrel in the live animal trap is unknown, and is a first occurrence.